

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

RECEIVED
NOV 1975

40-075-44
HAZLETON QUADRANGLE
118 PENNSYLVANIA
N4045-W7545/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Carbon, Luzerne, and
Schuylkill Counties

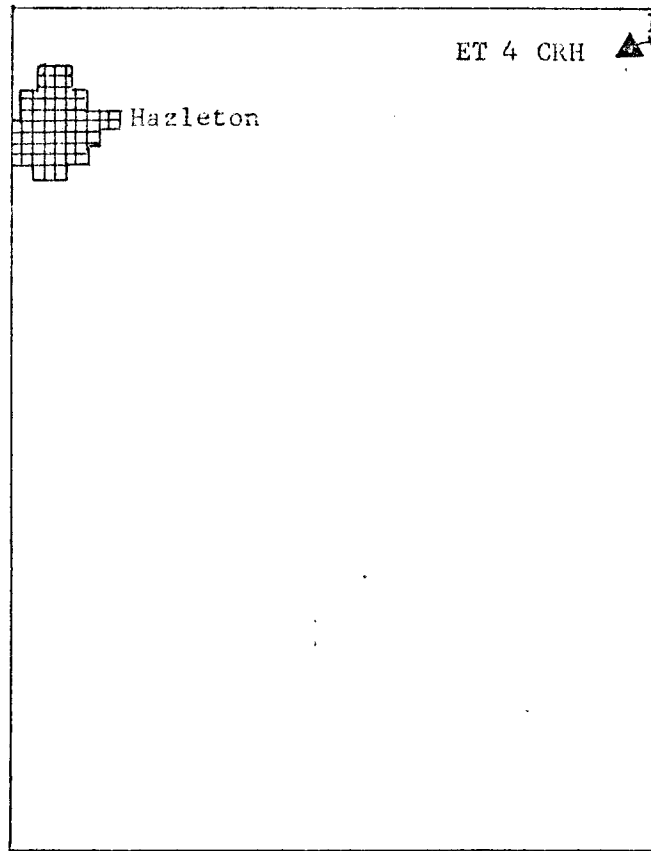
Only the permanent marks are
listed for lines run more
than 25 years before edition
date and are not shown on
sketch

Final adjustment of 1974

Edition of 1/20/75

PR: GWK/aws

Plane coordinates are based on
Lamvert projection, Pennsylvania,
South Zone
WILKES-BARRE
(142)



MAHANAOY
(119)

LEHIGHTON
(117)

X = 2,484,847
Y = 520,876

HAMBURG
(95)

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>LINE NO.</u>
24 EWS 1942	3	
27 EWS 1942	4	
28 EWS 1942	4	
33 EWS 1942	5	
39 EWS 1942	4	
43 EWS 1942	4	
44 EWS 1942	3	
TT 30 T 1942	3	
TT 31 T 1942	4	
TT 32 T 1942	4	
TT 33 T 1942	4	
TT 36 T 1942	3	
ET 4 GRH 1963	5	1
 <u>NGS</u>		
Y 44 1934	5	
Z 44 1934	5	
B 48 1934	3	
U 48 1934	3	
V 48 1934	3	
W 184 1942	4	

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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Obsolete control established more than 25 years prior to edition date. To be used only to locate permanent marks in the field.

By C. A. Turner, 1942; Book D4729

Lehighton, 3 mi W. of, thence 1 mi S.; 2 mi N. of Germans; on W. side of Mertz farm rd.; 27 ft W. of center of rd.; in reinforced concrete post; standard tablet stamped "44 EWS 1942"

X = 2,551,846 Y = 539,028 40 47 45.30 78 45 24.39

Lehighton, about 3 mi (airline) W. of; 4.2 mi SW. of Packerton; at upper end of William F. Hofford estate; 230 ft E. of concrete bridge over Beaver Run; 30 ft N. and 49 ft W. from junction of dirt rd. N.; in concrete post; standard tablet stamped "TT 36 T 1942"

X = 2,549,154 Y = 549,695 40 49 31.27 75 45 56.27

Penn Haven Junction, about 6 mi S. of, along Lehigh Valley RR.; at bridge 124; in SW. wingwall; 30 ft W. of center of track; about 1.5 ft lower than top of rail; NGS standard disk stamped "B 48 1934"

X = 2,549,704 Y = 570,809 40 52 59.73 75 45 42.93

Freeland, 2.6 mi S. of; about 1.5 mi N. of Ashmore, along L.V. RR.; 663 ft S. of S. portal of RR. tunnel; on W. side of track; in concrete base of semaphore H 11421; standard tablet stamped "TT 30 T 1942"

X = 2,514,485 Y = 605,331 40 58 48.35 75 53 11.85

Ashmore, about 120 ft E. of L.V. RR. station; about 140 ft W. of milepost 141; in foundation of semaphore; 8 ft S. of center of track; about level with top of rail; NGS standard disk stamped "V 48 1934"

X = 2,512,072 Y = 600,020 40 57 56.38 75 53 44.76

Hazle Creek Junction, about 1.6 mi W. of Weatherly, along L.V. RR.; at bridge H 137; in top of E. bridge seat; between E. and westbound tracks; 9 ft S. of center of westbound track; about 3.5 ft lower than top of rail; NGS standard disk stamped "U 48 1934"

X = 2,525,014 Y = 593,374 40 56 48.01 78 50 57.97

Beaver Meadows; 34 ft SE. of SE. corner of abandoned RR. station; 7 ft N. of N. rail; in center of 3-ft square concrete foundation block; standard tablet stamped "24 EWS 1942" (Destroyed, 1955)

X = 2,507,989 Y = 586,000 40 55 38.73 75 54 41.78

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE			LONGITUDE		
		°	'	"	°	'	"

OBSELETE MARKS (Cont'd.)

Hudsondale, 385 ft W., along L.V. RR. from U.S. Highway 309 crossing; 40 ft W. of RR. switch; 30 ft S. of reservoir concrete wall; in SE. abutment of bridge M 137; standard tablet stamped "27 EWS 1942"

X = 2,523,297 Y = 582,115 40 54 57.15 75 51 23.48

Hudsondale, about 2 mi SW. of; 75 ft NW. of B. T. Co. of Pa. pole 166; 12 ft N. of center of rd.; in culvert; standard tablet stamped "28 EWS 1942"

X = 2,512,183 Y = 577,843 40 54 17.28 75 53 49.38

Hauto, 3.4 mi N. of; 4.7 mi W. of main hwy. crossing Broad Mountain; 4.2 mi W. of fire tower 197; on private rd. of Lehigh Navigation Coal Co.; in E. angle of rd. fork; in concrete post; standard tablet stamped "TT 31 T 1942"

X = 2,512,185 Y = 567,984 40 52 39.88 75 53 52.05

Summit Hill, in NW. angle at RR. crossing of State Highway 902; 225 ft E. of Lansford and Summit Hill signpost; 49.5 ft W. of W. rail of track; 42.3 ft N. of center of hwy.; 2 ft N. of guard fence; in center of large stone head-wall; NGS standard disk stamped "W 184 1942"

X = 2,518,650 Y = 550,787 40 49 48.65 75 52 32.66

Summit Hill, 1 mi SE. of; 6.6 mi W. of Mauch Chunk; on N. side of Lentz trail rd.; 250 ft E. of intersection of State Highway 902; 100 ft N. of hwy. E.; 80 ft N. of P. P. & L. Co. Pole 13960; 33 ft W. of NW. corner of farmhouse; in conglomerate boulder; standard tablet stamped "39 EWS 1942"

X = 2,525,828 Y = 549,261 40 49 32.06 75 50 59.73

Bloomington, 2.5 mi S. of; 1.5 mi SW. of crossroads on Mauch Chunk Ridge; on S. side of main rd. at U-turn; at SE. corner of triangle at junction of woods rd. SE.; in concrete post; standard tablet stamped "TT 32 T 1942"

X = 2,524,479 Y = 541,882 40 48 19.44 75 51 19.33

St. Peters County School 15; on N. side of rd. opposite St. Peters Lutheran Reformed Church; in concrete steps to school; standard tablet stamped "TT 33 T 1942"

X = 2,521,515 Y = 532,618 40 46 48.55 75 52 00.44

Lehighton, 10.2 mi W. of; 7.0 mi SE. of Tamaqua; 34 ft N. of center of new lower Mahoning rd.; 80 ft E. of intersection of old bed of lower Mahoning rd.; 38 ft S. of P. P. & L. Co. pole 16831; in reinforced concrete post; standard tablet stamped "43 EWS 1942"

X = 2,519,003 Y = 527,423 40 45 57.76 75 52 34.52

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Hauto, 33 ft S. of center of State Highway 45; 84 ft W. of NW. corner of Hauto Grade School; 10 ft W. of air raid station; 22 ft S. of P. P. & L. Co. pole 19484; in boulder; standard tablet stamped "33 EWS 1942"

X = 2,516,055 Y = 556,355 40 50 44.20 75 53 04.88

Zehners, 18 ft NE. of Reading RR. waiting room; 50 ft NW. of rd. crossing; 36 ft N. of centerline of south-bound track; 21 ft W. of center of rd.; in concrete post; NGS standard disk stamped "Y 44 1934" (Not found, 1954)

X = 2,496,542 Y = 522,166 40 45 10.43 75 57 27.74

Tamaqua, 2.4 mi S. of, along Reading RR.; 45 ft SE. of private grade crossing; 24 ft S. of center of rd. across Little Schuylkill River to Houser estate; 31 ft E. of center of north-bound track; about 4 ft lower than top of rail; in concrete post; NGS standard disk stamped "Z 44 1934"

X = 2,496,467 Y = 529,363 40 46 21.54 75 57 26.82

LINE 1.

By W. A. Couse, 1963; G. A. Harris, 1964; Book AH 820

White Haven, 1.5 mi SW. of RR. station, along U.S. Highway 940 to Y-rd. junction with County Road 40118, thence 4.0 mi S. along Road 40118 to County line (Road number changes to A 1012), continue 1.2 mi along Road A 1012 to crossroads, thence 1.1 mi left along County Road 13023 to rd. on right (entrance to Carbon County Home) and graveled rd. left, thence 1.1 mi left along graveled rd. to residence of Mrs. M. W. Reifon, thence right along driveway passing to right of house and continue 0.1 mi along field rd. to woods corner; 52 ft NW. of centerline of rd. at field corner; 30 ft N. of edge of woods; 30 ft W. of edge of woods; in concrete post projecting 6 in.; standard tablet stamped "ET 4 CRH 1963"

X = 2,552,016 Y = 612,270 40 59 48.78 75 45 00.62